BALAK, K., kand.med. nauk; SHOBOVA, A. [Sobova, A], kand. biologicheskikh nauk (Praga)

Use of balneotherapy in climacteric angioneurosis. Akush. i gin. no.2269-71163. (MIRA 16:10)

(CLIMACTERIC) (HYDROTHERAPY)

(NERVOUS SYSTEM, VASCMOTOR — DISEASES)

CZECHOSLOVAKIA

BALAK, K., MD., CSc; SOBOVA, A., RN Dr., CSc; WAKMAN VALENTOVA, J.

Institute of Mother and Child Care (Ustav pro peci o matku a dite), Prague-Podoli (for all)

Prague, Prakticky lekar, no 18, 1963, p 700

"Study of Changes in the Total Consumption of Oxygen in Pregnant Women and Women in Late States of Gestosis."

FETTER, V.; PROKOPEC, M.; SUCHY, J.; SOBOVA, A.

Accelerated growth in youth determined by anthropometric studies between 1951 and 1961. Cesk. pediat. 18 no.8:673-677 Ag '63.

(ANTHROPOMETRY) (BODY WEIGHT) (GROWTH)

SIMONEK, Jiri; SOBR, Josef

Adiabatic exponent of carbon dioxide. Jaderna energie 9 no.5:162-165 My *63.

1. Statni vyzkumny ustav tepelne techniky.

SOBRA, Josef; KOLBEL, Frantisck

Congenital disorders of lipid metabolism. II. Familial hypercholesterolemic xanthomatosis - clinical study. Acta univ. carol. [med.] no.7: 823-832 '61.

1. III. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta akademik J. Charvat.
(LIPOIDOSIS)

SOBRA, J.

Familial hypercholesterolemic xanthomatosis. Congenital disorders of lipid metabolism. Cas.lek.cesk 100 no.7:Lek Veda Zahr: 37-42 17 F '61.

1. III. interni klinika fakulty vseobecneho lekarstvi, prednosta akademik J. Charvat.

(LIPOIDOSIS)

SOBRA, Josef; KOLBEL, Frantisek; PROCHAZKA, Bohuslav; SEDLAKOVA, Eva;

Congenital lipid metabolism disorders. V. Familial hypercholesterolemic xanthomatosis -- blood cholesterol and phospholipid level. Cas.lek.cesk 100 no.29/30:928-932 14 J1 %1.

1. III. interni klinika KU v Praze, prednosta akademik Josef Charvat, IV. interni klinika KU v Praze, prednosta prof. dr. Mojmir Fucik, Angiologicka laborator KU v Praze, reditel prof. dr Bohumil Prusik.

(LIPOIDOSIS blood) (CHOLESTEROL blood) (PHOSPHOLIPIDS blood)

SOBRA, Josef; KOLBEL, Frantisek; PROCHAZKA, Behuslav; SEDLAKOVA, Eva;

Congenital lipid metabolism disorders. VI. Familial hypercholesterolemic xanthomatosis — the level of lipemia, esterified fatty acids and lipoproteins in the blood. Cas.lek.cesk 100 no.29/30:933-936 14 Jl **161.

1. III. interni klinika KU v Praze, prednosta akademik Josef Charvat, IV. interni klinika KU v Praze, prednosta prof. dr. Mojmir Fucik, Angiologicka laborator KU v Praze, reditel prof. dr. Bohumil Prusik.

(LIPOIDOSIS blood) (LIPOPROTEINS blood) (FATTY ACIDS blood)

SOBRA, J.

Congenital disorders of lipid metabolism. VII. Hypocholesterolemic effect of phytosterol. Cas.lek.cesk 101 no.3:Lek Veda Zahr 9-12 19 Ja 162.

1. III interni klinika KU v Praze, prednosta akademik Josef Charvat.

(STEROLS pharmacol) (CHOLESTEROL blood)

SOBRA, J.

4 3

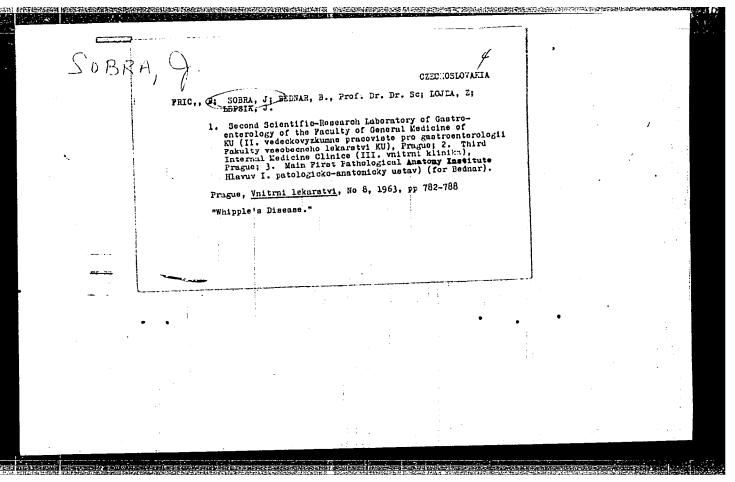
CZECHOSLOVAKIA

SOBRA, J; PROCHAZKA, B; SEDLAKOVA, E; SULC, M.

1. Third Internal Medicine Clinic of the Faculty of General Medicine (III. vnitrni klinika fak. vseob. lek.), Brno; 2. Fourth Internal Medicine Clinic of the Faculty of General Medicine (IV. vnitrni klinika fak. vseob. lek.), Brno; 3. Angiological Laboratory FVL UK (Angiologicka laborator FVL UK), Brno

Prague Brao, Vnitrni lekarstvi, No 7, 1963, up 642-649

"Inborn Errors of Lipid Metabolism VIII. Familial Hypercholesterolemic Xanthomatosis. Influence of Phytosterols on Blood Lipid Level."



CZECHOSLOVAKIA

SOBRA, J.; Third Clinical Department of Internal Medicine, Medical Faculty of Charles University (III. interni klinika lekarske fakulty Karlove University,) Prague.

"Congenital Defects of Lipid Metabolism. Cholesterol Metabolism and Current Concepts of Feedback Controls in its Biosynthesis."

Prague, Ceskoslovenska Fysiologie, Vol 12, No 4, July 1963; pp 262-272.

Abstract: Review: biosynthesis of cholesterol, effects of various substances thereon (elements, vitamins, other steroids, triparanol and other drugs,) metabolism of exogenous cholesterol, cholesterogenesis in congenital lipoid metabolism defects; role of feedback inhibition in anabolic and catabolic processes. Six diagrams including metabolic flow-chart, structural formulae; One Japanese, 14 Czech (include unpublished work) and 58 Western references.

1/1

32

dicine (Fakulty vseobecneho lekarstvi), Charle University,
Prague, Academician J. CHARVAT, director; and Angiological
Laboratory (Angiologicka laborator), Faculty of General Medicine,
Charles University, Prague, Prof. Dr. B. PRUSIK, director [indiAPPROVED FOR REPEASE 108 25 2600 rmiveral RDP86-00513R001651910014-3"

"Congenital Defects in the Lipid Metabolism. X. Familiar Hypercholesterol Xantomatosis. A Finding of Hyperproteinemia"

Prague, Casopis Lekaru Ceskych, Vol CII, No 25, 21 June 63, pp 699-700.

Abstract: Described is a test the purpose of which was to eliminate the interference of an increased level of blood lipides in the refractometric test. Serum nitrogen was determined by means of a microchemical method and a gradient cylinder was used to determine proteinemia, both operations being part of a refractometric determination. A table contains comparative data found in normal persons and patients suffering from familiar hypercholesterol xantomatosis. Sixteen references, including

SOBRA, J.

Congenital disorders of metabolism. Cesk. fysiol. 13 no.5: 469-481 0 '64.

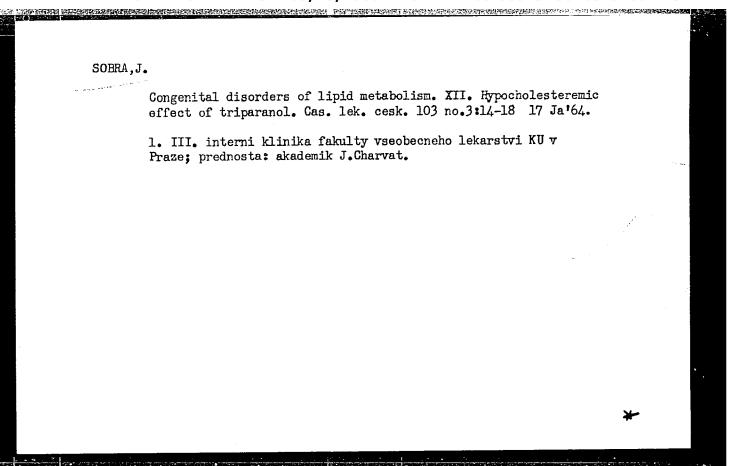
1. III. interni klinika fak, vseob. lekarstvi, Praha.

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MYSKA, V.; OTRADOVEC, J.; KLOUCEK, F.; SOBRA, J.; PROCHATKA, B.

Mucocutaneous form of eosinophilic xanthomatous granuloma with severe corneal involvement in an adult man. Cesk. oftal. 20 nc. 5:360-368 S 164.

1. II ocni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta akademik J. Kurz'; III interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta akademik J. Charvat) a IV. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. M. Fucik).



KOLBEL, F.; PROCHAZKA, B.; SOBRA, J.; SULC, M.

Disorders of fat metabolism in acromegaly. Cas.lek. cesk. 103 no.6:165-166 7 Mr. 64

PACOVSKY, V.; HRADOCVA, L.; SUERA, J.

Familial orthostatic proteinuria -- a new tubular syndrome? Cas. lek. cesk. 103 no.36:1005-1006 4 S 164.

1. III interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta akademik J. Charvat); IV detska klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. F. Blazek).

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DUBOVSKY, J., SOBRA, J.; DUBOVSKA, E.

Familial hyperglyoxalaciduria in xeroderma pigmentosum. Cas. lek. cesk. 103 no.44:1219-1222 30 0 '64.

l. III. interni klinika fakulty vseobecneho lekarství Karlovy University v Fraze (prednosta akademik J. Charvat).

SOBMA, J.; KOLBEL, F.; RAPITCLA, J.; PROCHAZKA, B.; SEDLAKOVA, E.; SULC, M.

Genealogical study of familial hypercholesterolemic xanthomatosis. Acta univ. Carol. [med] (Praha): Suppl. 18: 165-169 '64.

1. III. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: akademik prof. dr. J. Charvat); IV. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. M. Fucik) a Angiologicka laborator fakulty vseobecneho lerakstvi University Karlovy v Praze (reditel: prof. dr. B. Prusik).

Glindidence of Malignancy in Hecklinghausen's neurofibromatosis.
Gesk. derm. 20 no.6:402-407 D to5.

1. 1. dermato-venerologicka klinika (prednosta prof. dr. J. Konopik, DrSc.) a III. interni klinika (prednosta akademik J. Charvat) fakcity vseobecneho lekaretvi Karjovy University v Fraze.

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SOBRA, KAREL

AGRICULTURE

Nauka o vysetreni a priznacich vnitrnich chorob kone a psa. Praha, Statni pedago-

gicke nakl., 1958. 238 p. (Ucebni texty vysokych skol)

DA Not in DLC

Monthly Index of East European Accessions (EEAI) LC, Vol., 8, No. 4, April 1959

SOBRA, K. ZILKA, V.N.; SOBRA, K.		
Notes of secondary energy processes in spark discharges. zhur. 3 no.2:171-174 Je 153.	Chekh.fiz. (MLRA 7:6)	
1. Institut tekhnicheskoy fiziki, Praga. (Electric spark)		

SOBRA, KAREL.

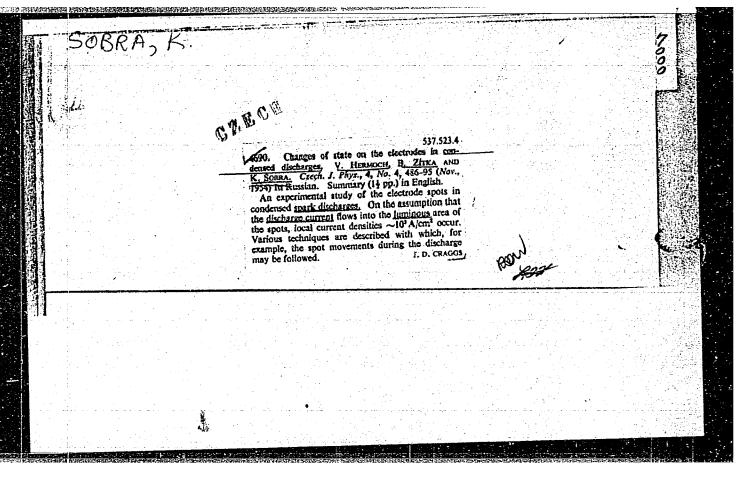
Choroby drubeze. (1. vyd.) Fraha, Statni pedagogicke nakl., 1954. 175 p. (Ucebnitexty vysokych skol)

SCURCES: ETAL IC Vol. 5 No. 10 Oct. 1956

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"Changes of the State of Electrodes in Condensed Mischarge." p. 205, (CESKUSLOVENSK. CASORIS PRO PYSIKY, Vol. 4, No. 3, June-1954, Fraha, Czechoslovakia)

SO: Monthly List of East European Accessions, (MEAL), LC, Vol. 4

No. 5, Key 1955, Uncl.
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SOBRA, KAREL

Choroby drubeze. Praha, Statni pedagogicke nakl., 1955. 208 p. (Ucebni texty vysokych skol)

SCURCES: EEAL LC Vol. 5 No. 10 Oct. 1956

SOBRA CZECHOŚŁOVAKIA/Optics - Fhotography K-13 : Ref Zhur - Fizika, No 8, 1958, No 19468 Abs Jour : Sobra Karel **Author** : Not given Inst : High Speed Photographic Camera Title : kosl. casop. fysi, 1956, 6, No 1, 55-59 Orig Pub : No abstract Abstract : 1/1 Card

SOBRA, K.

Current density in anode spots of spark discharges in the air under atmospheric pressure.

P.. 175 (Ceskoslovenska Morfologie. Vol. 5, no. 4, 1957, Praha, Czechoslovakia)

Monthly Index of Fast European Accessions (EEAI) IC. Vol. 7, no. 2, February 1958

H-7

SOURA KAREL
CZECHOSLOVAKIA/Electronics - Cas Discharges and Cas Discharging

Instruments

Abs Jour : Ref Zhur - Fizike, No 4, 1958, No 8741

Author : Sobra Karel

That itute for Technical Physics, Chechoslovak Academy of

Inst Thistitute for Technical Physics, Sciences, Prague, Czechoslovokia

Title : Current Density in Anode Spots of Spark Discharges in Air

Under Atmospheric Pressure.

Orig Pub : Ceskosl. casop. fys., 1957, 7, No 2, 175-181

Abstract: An investigation of anode spots in spark discharges at atmospheric pressure was made by photographing the anode spots with a high speed photographic camera and by taking oscillographs of the anode current. To obtain current pulses of 500 to 5,000 amp at a duration of 100 to 0,000 microseconds, the discharge of a capacitor through a thyratron was used. The processes in the spot were strongly effected by the surface cleanliness (particularly in the case of anodes made of tin, cadmium, and zinc). In the case of strongly oxidized materials, the spot

Card : 1/2

was broken up into individual parts, which did not change the position during the entire period of glow of the spark.

APPROVED FOR REIEASE. 108/25/2000 the spot could also consist of individual parts; however the erosion trate, DPS6-00513R001651910014-3" spot, was considerably greater. The fixation of the spot, in the case of an oxidized surface, is due to a lower heat conductivity and greater melting temperature of the oxides compared with the pure material. In the presence of oxide, the current density also increases. In the case of commercial carbon, the internal impurities act in analogy with surface oxides. For spectrally pure carbon, the current density was constant during the discharge and equal to the final value for the technical carbon. The measurement data showed that the current density at different anode materials ranges from 2 to 8 x 10⁴ amp/cm². If one assumes uniform distribution of current over the spot, then it is possible to separate several groups of materials, which have constant values of current per atom of surface. Bibliography, 17 titles.

Card : 2/2

ADS JOHF : REI ZNUI . FIZIKA, NO 4, 1970, NO 0 142

Author : Sobra Karel
Tost : Not G iven

Inst : Not G iven
Title : Current Densities in the Anode Spots of Spark Discharges in

Air at Atmospheric Pressure.

Orig Pub : Chekhosl. fiz. zh., 1957, 7, No 3, 511-319

Abstract : See also Abstract 8741

Kins BL CZECHOSLOVAKIA/Electronics - Flectrical Discharges in Gases and Н Gas Discharge Apparatus. : Ref Zhur Fiżika, No 10, 1959, 23086 Abs Jour Sobra, Kard Author : Effect of the Material of the Anode on the Formation of Inst a Positive Colemn of a Glow Discharge Title : Chekhosl. fiz. zh., 1958, 8, No 5, 614-616 Orig Pub : See Referat Zhar Fizika, 1959, No 9, 20742. Abstract Card 1/1 - 71 -

CZECHOSLOVAKIA/Electronics - Cathode Ray Tubes and TV Pickup Tubes H

Abs Jour : Ref Zhur Fizika, No 9, 1959, 20742

corrent in the individual anodes indicated whether the material of the anode influences the positive column of the glow discharge. The discharge occurred in a penped-out glass tube 50 mm in diameter, the discharge length being approximately 150 mm. The cathode was an iron cylinder (source voltage 1500 v) or a tungsten wire 0.14 mm in diameter (voltage 40 - 60 v). The discharge current was measured in the interval from 1 to 10 mm in the case of emission from a cyclinder or in the interval from 1 to 100 mm in the ease of emission from the wire. The investigated anodes were half-round plates, on the active surface of which there was deposited, electrolytically or by some other method, layers of chemically-pere investigated substances. The measurements were made at pressures of 10-1 - 10-3 mm mercury. The vapors of the anodes were covered with the following

Card 2/3

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CZECHOSLOVAKIA/Electronics - Cathode Ray Tubes and TV Pickup
Tubes.

H

Abs Jour :

: Ref Zhur Fizika, No 9, 1959, 20742

substances: Cu-Zn, Ag-Sb, Ni-Fe, Bi-Pb. The results of the measurements have shown that the anode current is proportional to the area of the active surface of the ano-

de per atom. -- S.F. Shushurin

Card 3/3

- 72 -

Z/034/62/000/009/004/007 E073/E535

115

AUTHOR:

Šobra, K.

TITLE:

Method of determining the structure of material and of measuring the distance between atoms, and equipment

for utilizing this method

Patent Application Class 42k, 48, PV 444-60 dated

21.1.1960

PERIODICAL: Hutnické listy, no.9, 1962, 671

The method is based on determining the distribution TEXT: between two anodes of the cathode current of a glow discharge, whereby one of the anodes is made of the tested material whilst the other is a known reference material. From the ratio of the measured currents and the known atomic radius of the reference material, the atomic radius of the investigated material is The subject matter of the invention consists in the calculated. fact that after determining the anode currents, measured at an equal potential of the anodes, the anode voltages are changed in such a way that the anode currents equalize. Then, the structure of the material is determined from the known relation between the Card 1/2

40

Method of determining the ... Z/034/62/000/009/004/007 E073/E535

magnitude of the inter-anode voltage when the currents are equal, and the ratio of the anode currents when the anodes have the same potential. The atomic radius is measured during gradual melting or during gradual solidification of the material which is being investigated. The application contains two schemes (circuit diagrams?) of the instruments under consideration.

[Abstractor's note: Complete translation]

Card 2/2

L 8265-66 EWT(1)/ETC/EPF(n)-2/EWG(m) IJP(c) AT CZ/0055/65/015/007/0534/0535	
ACCESSION NR: AP5018475 CZ/0055/65/015/007/0534/0534/	~
ACCESSION NR: AP5018475 VV, 55 AU FOR: Sobra, K.; Kalivoda, L'.; Hanitz, F.	
TITL: Contribution to study of splitting of plasma shock waves in accelerating tube	
SOURCE: Chekhoslovatskiy fizicheskiy zhurnal, v. 15, no. 7, 1965, 534-535, and insert on p. 540a	100
TOPIC TAGS: plasma shock wave, shock wave structure, plasmoid acceleration, plasma magnetic field	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
ABSTRACT: The authors have observed that when a shock wave is accelerated between straight conductors in a plasma, the plasmoids are emitted with different velocities, thus indicating a splitting of the shock wave. Since this phenomenon is similar to that occurring in a Marshall jet, the authors attempt to attribute it	
to a similarity in the configuration of the internal magnetic field in both cases. Just as in the Marshall tube the magnetic field at the middle conductor is larger than at the jacket, so is the magnetic field inside straight conductors much larger	-
at the two conductors than in the middle between them. The authors therefore express the opinion that one of the main causes of the splitting of the shock wave	
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ACCESSION NR: AP5018475		•	<i>></i>
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great nomuniformity of th	ductors and of the plasmon is internal magnetic field.	whom the authors	are grateful.
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ASSOCIATION: Institute	of Solid State Physics, Cze	choslovak Academy	Prague
Prague: Electrotechnical	Faculty, Czechoslovak Tech	nical university,	Trague 5
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SUBMITTED: 01Mar65	OTHER: 000		
MR REF SOV: 000	OTHER:		

SOBROWOLSKA H

PRZESMYCKI, Feliks; SORROWOLSKA, Halina; FELTYNOWSKI, Antoni; STANCZYK,
Regina; WALKOWSKA, Elzhieta; ZYCH, Zofia; (techniczny wspolydzial)
CIEPINSKA, Swietlana; ZGORZELSKA, Krystyna

Laboratory characteristics of the epidemic of influenza in 1953.
Med. dosw. mikrob. 6:10.3:241-251 1954.

1. Z Oddzialu Wirzzologii Panstwowego Zakladu Higieny. Kierownik:
prof. dr.F. Przesmycki.

(INFLUENGA, epidemiology,
Poland, statist. analysis)

SOBROWOLSKI, S.

"For the living traditions."

p. 3 (Zolnierz Polski) No. 1, Jan. 1958 Warsaw, Poland

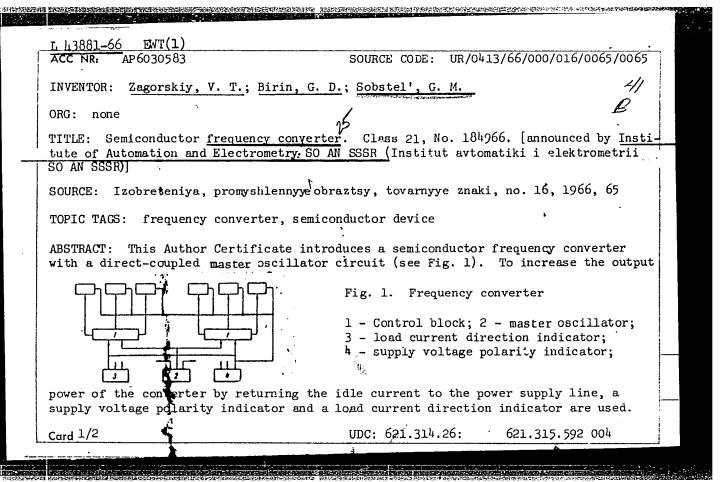
SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

SOBCTEL', D.

How a bank's sanctions are evaded. Den. i kred. 14 no.12:
(MIRA 10:2)
41-42 D '56.

(Banks and banking) (Industrial management)

SOURCE CODE: UR/0271/66/0007003/A027/A027 ACC NRI AR6021230 Zagorskiy, V. T.; Birin, G. D.; Sobstel', G. M. AUTHOR: TITLE: The maximum power of a frequency converter SOURCE: Ref. zh. Avtomat telemekh i vychisl tekhn, Abs. 3A220 REF SOURCE: Mezhvuz, sb. tr. Zap.-Sib. sovet po koordinatsii i planir. nauchnoissled. cabot po tekhn. i yestestv. naukam, vyp. 4, 1965, 116-121 TOPIC TAGS: frequency converter, semiconductor device, transistorized circuit ABSTRACT: To increase the output power of a frequency converter using direct-coupled transistors, the following recommendations are made: a) operate the converter with singular input-to-output frequency ratios to assure a uniform transistor loading with average current; b) to reduce switching losses and losses during operation in transistors, a compound transistor citcuit should be used in series with a semiconductor diode, and to reduce losses in the second transistor due to deep saturation, a resistange should be used in its collector circuit, and c) use pulsed transistor overloading to preserve their nominal average loading. [Translation of abstract] Bibliography of: 6 titles. V. L. SUB CODE: 09 UDC: 62-52:621.314.26 Card 1/1



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acting as	icators • control power • Lements with the trans	. To reduce	switching	losses, pow	ver diodes	are conne	ected [JR]
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CIA-RDP86-00513R001651910014-3 "APPROVED FOR RELEASE: 08/25/2000

EJT(1)1. 47096-66

ACC NR: AR6016015

SOURCE CODE: 0271/66/000/001/A019/A019

INVENTOR: Zagorskiy, V. T.; Birin, G. D.; Sobstel', G. M.

TITLE: Controlled frequency converters using high-power elements with a key

characteristic

SOURCE: Ref. zh. Avtomat. telemekh. i vychisl. tekhn., Abs. 1A130

REF SOURCE: Mezhvuz. sb. tr. Zap. -Sib. sovet po koordinatsii i planir. nauchno-issled. rabot po tekhn. i yestestv. naukam, vyp. 4, 1965, 110-115

TOPIC TAGS: frequency converter, thyristor, transistor

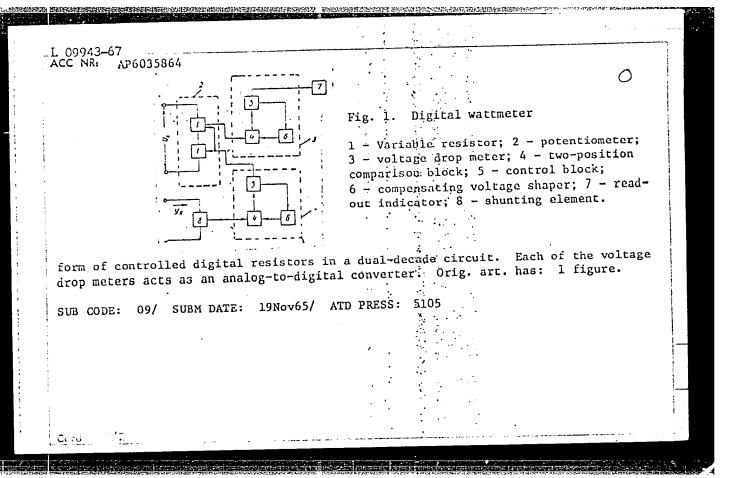
ABSTRACT: Controlled frequency converters (CFC) using high-power elements with a key characteristic (transistors or thyristors) are investigated. The CFC circuits in question have no intermediate a.c. to d.c. conversion for further The power section of the CFC is designed as a reversible bridge circuit (3 single-phase CFC using bridge circuits). The circuit operation is

Card 1/2

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descrii in the possib half as	ced. The use of this circuit permits except. The use of this circuit permits except. The control of the use of reactors numerous as in CFCs using intermediate of reactive elements in the power circuit an unlimited range of frequency variated and a bibliography of 7 titles. T.R.	s. Switching losses equal about the conversion (rectification). cuit makes it theoretically pose ations. Orig. art. has: 4 illus	The
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L 00043-67 ENT(1)/EEC(k)-2 SOURCE CODE: UR/0413/66/000/020/0076/0077
ACC NR: AP6035864 SOURCE CORE: UR/0413/00/000/020/
INVENTOR: Gorelikov, N. I.; Klistorin, I. F.; Sobstel', G. M.
INVENTOR: Gorelikov, N. 1.; Klistorin, 1. 1., 5003cd2)
ORG: none
TITLE: Digital wattmeter. Class 21, No. 187147. [announced by Institute of Automa-
tion and Electrometry, Siberian Branch, an Sank (Inserted
Siberskogo otdeleniya AN 555K/)
SOURCE: Izobreteniya promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 76-77
TOPIC TAGS: wattmeter, power meter, electric measuring instrument
ABSTRACT: An Author Certificate has been issued for a digital wattmeter (see Fig. 1) which contains a shunting element with a voltage drop meter in the current-measuring circuit and a potentiometer with constant input impedance (provided by two variable resistors) in the voltage-measuring circuit. To increase both the accuracy and the frequency range of measurements, the variable resistors of the potentiometer take the
Cord 1/2 UDC; :621.317.725;681.14
Card 1/2 000, 000



SOBSTEL', M.M., kandidat meditsinskikh nauk

Subastragalar dislocation of the foot. Ortop.travm. i prtotez. 17
no.6:118 N-D '56. (MLRA 10:2)

1. Iz kafedry operativnoy khirugii (zaveduyushchiy - professor
A.N.Glinskiy) Novosibirskogo meditsinskogo instituta i iz travmatologicheskogo otdeleniya (zaveduyushchiy - V.Z.Kotlyar) 4-y klinicheskoy bol'nitsy (glavnyy vrach - K.A.Dement'yev)

(FOOT--DISLOCATION)

SUBSTEL', M.M.

Suturing a knife wound of the left ventricle. Nov.khir.arkh. no.4:
79-80 JI-Ag '57. (MIRA 10:11)

1. Kafedra operativnoy khirurgii Novosibirekogo meditsinskogo instituta.
(HEART--WOUNDS AND INJURIES)

SOBSTEL', M.M.

Experimental studies on the hemostatic dependability of sutures in spleen injuries. Eksp.khir. 4 no.2:13-16
Mr-Ap '59. (MIRA 12:5)

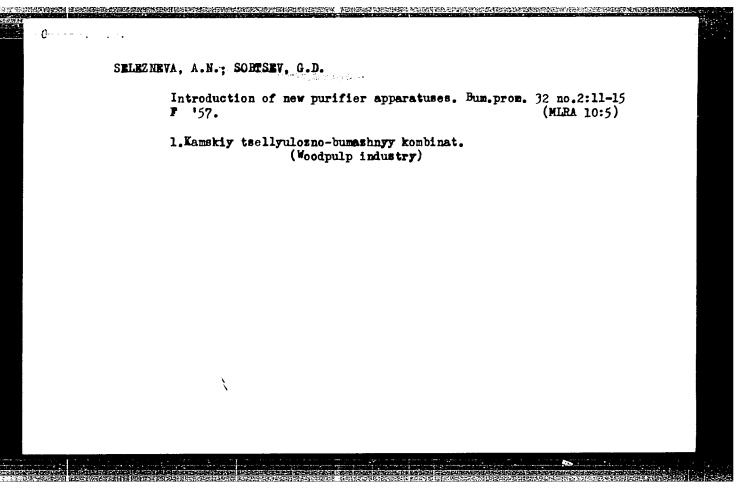
1. Iz kafedry operativnoy khirurgii s topograficheskoy anatomiyey (zav. - dots. N.K.Dits) i kafedry normal'noy anatomii (zav. - prof. K.V.Romodanovskiy) Novosibirskogo meditsinskogo instituta (dir. - prof. G.D.Zalesskiy).

(SPLEEN, wds. & inj.

exper., hemostatic angiorrhaphy (Rus))

VOYOVODIN, A.F.; GEUCHEVEREY, M.S.; NIKIFOROVSKAYA, V.S.; PRITVITS, N.A.; SOBSTEL!, N.B.

Calculation of unsteady flow on the Tvertsa River by means of electronic computers. Toudy GGI no.121:88-104 65. (MIRA 18:8)



SOBTSEV, G.D.; ISAYEVA, A.V., inzh.-khimik

"Harmful" and "harmless" resins. Bum.prom. 37 no.9:28 S
'62. (MIRA 15:9)

1. Byvshiy nachal'nik otbel'no-ochi.stnogo uchastka Kamskogo kombinata (for Sobtsev). 2. TSellyuloznyy tsekh Kamskogo kombinata (for Isayeva).

(Woodpulp) (Gums and resins)

TACIKOWSKI, Jan; SOBUSIAK, Tadeusz

Tool steel diffusion chrome hardening in powders. Inst mech precyz 10 no.1:32-50 '62.

L.12286-63 5/081/63/000/005/043/075 AUTHOR: Tacikowski, U. and Sobusiak, T. TITLE: Diffusion chrome plating of instrument steel using ferrochrom Referativnyy zhurnal, Khimiya, no. 5, 1963, 353, abstract 5K37 PERIODICAL: (Prace Inst. mech. precyzyniej, 1962, Vol. 10, no. 35, 32 - 50) TEXT: The effect of granulation of ferrochrome (\sim 4 % C) on the thickness and quality of chrome plated layers was studied. The formation of a quality chrome plate on poor chrome plating steels is possible by a very finely granulated ferrochrome (0.001 - 0.005 mm). In cases of good chrome plating steels an increase in the size of the grains of ferrochrome decreases the thickness of the diffused layer. Among the investigated steels, unalloyed high carbon steels (75, NIIE) and alloyed chrome and chrome-tungsten steels (NC4, NC6, MWC) took the chrome plating well. High carbon high chromium steel (NC10) and also low alloyed middle carbon steels (WNL, NZ3) took the chrome plate poorly. The influence of the type and quantity of the activiator in the Card 1/2

L 12286-63
Diffusion chrome plating of ...

s/081/63/000/005/043/075

powder and the dependence of these factors on the granulation of the ferrochrome was established. The type of activator (NH₄I, NH₄Cl) has no effect when the ferrochrome is fine grained. When the ferrochrome is coarse grained the action of NH₄I has a much better effect on the chrome plating. The increase in the number of activators in powder of fine grained ferrochrome brings about a decrease in the thickness of the coat, but with coarse grains, the coat thickness and its quality is affected. The best results in chrome plating are obtained when a fine grained ferrochrome (0.001 - 0.005 mm) containing 0.5 \$\mathscr{\pi}\ \ \text{activator}\ \text{.} when a fine grained ferrochrome (0.001 - 0.005 mm) containing 0.5 \$\mathscr{\pi}\ \ \text{activator}\ \text{.} is used. The effect of temperature and time of process on the chrome plating, and also means of regenerating the processed powder of ferrochrome is also described. The afticle contains a 7 item bibliography. Ya. Papirov.

[Abstractor's note: Complete translation]

Card 2/2

Audit, moment to busing, Teacuse lealus vestibulo-prepositus proprius in the brain stem of ... aog. Polia morph. (Marsz.) 24 no.2:125-139 165. . Z Zakladu Anatomii Opisovej i Topograficznej AM w Poznaniu (A. srownik: prof. dr. J. Holacukowski).

SOBYANIN, V.I., inzh.

Jig for centering and assembling ceramic sewer pipes in sections. Vod. i san. tekh. no.11:35 N *64. (MIRA 18:2)

MASTERSKIKH, M.A.; SOBYSHEV, A.P.

A rare atmospheric phenomenon. Probl.Arkt.i Antarkt. no.5:83
160. (Tiksi rejim-Ice)

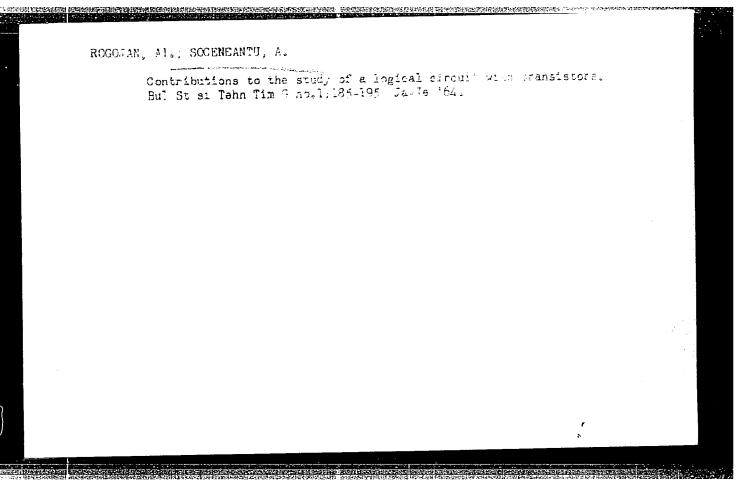
(MIRA 14:4)

DRASKOVIC, D.; SOCAMAC, V.

Use of punched card system by the U.S. railroads. Zeleznice
Jug 19 no.6:39-46 Je 163.

RCCOJAN, A.; HEIDRICH, I.; POP, V.; SOCENEANTU, A.

Electronic digital computer for tenching purposes. Pul St
si Tehn Tim & no.1:213-227 Ja-Je '63.



On the errors of the analog contributes to the constructed with a direct reading device. But St si Tenn and 9 no.2:525-532 J1-D '64.

1. Submitted June 24, 1964.

JUCH, J.

Results of electric measurements made on the surface of the Czechoslovak Fioneer Mine.

P. 201. (UHLI) (Praha, Czechoslovakia) Vol. 7, no. 6, June 1957

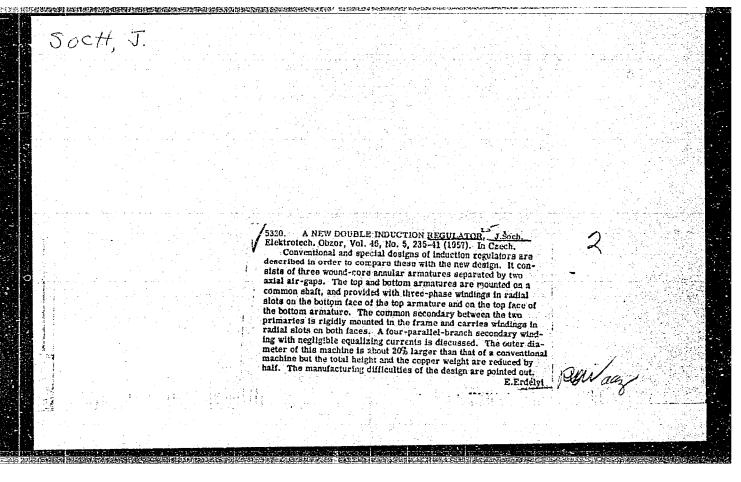
30: Monthly Index of East European Accession (EHAI) LC Vol. 7, No. 5, 1958

30CH, J.

Results of electrical measurements of mine electrification at the Czechoslovak Pioneer Mine.

P. 388. (UHII) (Praha, Czechoslovakia) Vol. 7, no. 11, Nov. 1957

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Solecting capacity of electric otors for i ing mediancy. Pt. 1. p. 5

Stacylectry 'Ministe stvo tezkeho strojirenstvi, ministerstvo presneho strojirenstvi
a Minister tvo a torobiloveho prumyslu a zemedlskych stroju)
P raha, Ozechoslovakia
Vol. 0, no. 1, Jan 050

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July 1959
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Selecting capacity of electric motors for mining machinery. Pt. 2. p. 139

S.ROJIRENSTVI (Ministerstvo tezkeho strojirenstvi, ministerstvo presneho strojirenstvi Ministerstvo automobiloveho prumyslu a zemedelskych stroju)
Praha, Gzechoslavakia
Vol. 0, no. 2, Feb. 1950

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SOCH, Jan, inz.

Electrification and automation of mining operations in the Soviet Union. Uhli 4 nc.12:427-428 D '62.

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SOCH, Jan, inz.

Control of the axial feed of a turbocompressor rotor.
Uhli 5 no.11:395-396 N '63.

1. Zavod automatizace a mechanizace.

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SOCH, Jan, inz.

Supply of electric power for headings and faces. Unli 6 no.10:341-343 0 '64.

1. Zavod automatizace a mechanizace National Enterprise, Ostrava.

LAURENC, Vilem; SOCH, Karel; NECKAR, Ferdinand, inz., CSc.; ZAK, Vladimir, inz.; SLABA, Jaroslav, RNDr.; DVORAK, Dalibor, inz.; MASEK, Zdenek, inz.

Discussion. Pt.2. Zpravodaj VZLU no.3:173-176 '63.

SuhA, ANdrzej.

POLAND/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour: Ref Zhur-Khiniya, No 95,1959, 31269

Author : Socha, Andrzej; Eckstein. Zygmunt

Inst :

Title : On the Simplified Method of Preparation of

Cyclooctane.

Orig Pub: Roczn. chen., 1958, 32, No 3, 647-652

Abstract: The method of preparation of cyclooctanone
(I) from cycloheptanone (II) with the application of N-methyl-N-mitroso-p-toluenesulfonamide (III) suggested earlier as a source of CH₂N₂ (Ref Zhur-Khimiya, 1955, 42923, 48859) is described. The solution of 22.5 g of KOH in 75 ml of 50 percent alcohol is added gradually to 0.75 mole of II and 0.9 mole of III

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POL/ND/Organic Chemistry. Organic Synthesis.

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Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31269

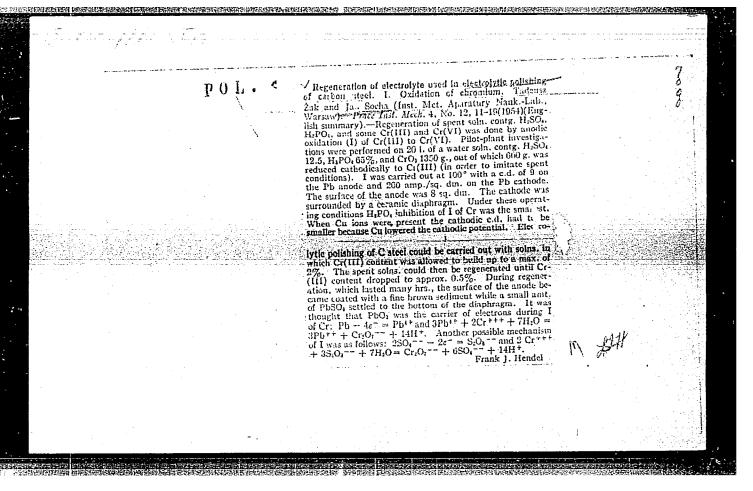
in 225 ml of alcohol and 15 ml of water and stirred for 30 min after that. Then a second lot of reagents is added and all is stirred for 1 hour more, after the addition of KOH has been completed. The solution is acidified with 2 N HCl; stirred with the solution of 300 g of NaHSO₃ in 600 ml of water for 6 - 8 hours; the bisulfite compound of the non-transformed II is filtered off, washed with absolute alcohol, and the alcohol used for washing is added to the filtrate. The filtrate is boiled for 5 - 6 hours (until the oily layer disappears) and distilled with water (elimination of SO₂). The 1st fraction (700 ml) is distilled for a second time using Vigreux column; the first 350 ml collected is

Card : 2/3

GASIOR, Eugeniusz; SOCHA, Bozena; BOCHYNSKA, Teresa

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FOLAND/Chemical Technology - Chemical Products and
Their Applications - Electrochemical
Manufacturing. Electrodeposition.
Chemical Sources of Electrical Current.

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, 8904

Author : Zak, T., and Socha, J.
Inst :

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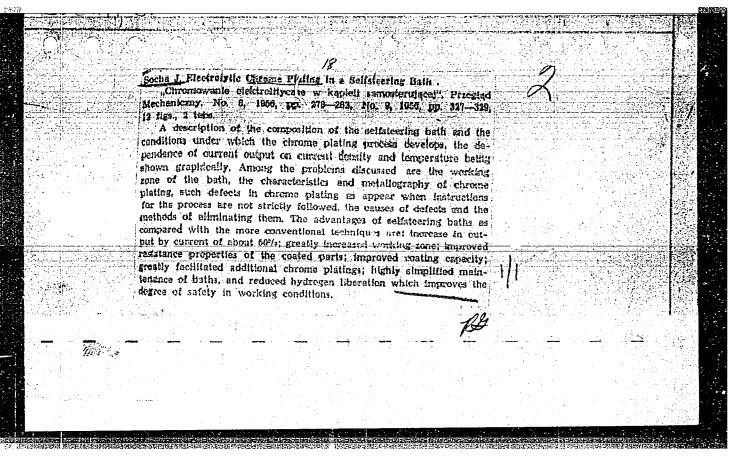
Title : Regeneration of the Electrolyte Used in the Electrolytic Polishing of Carbon Steels.
Part II. Removal of Iron from the Bath.

Orig Pub : Prace, Inst. mech., 1955, 5, No 15, 51-55.

Abstract: The effect of H₂SO₄ concentration on the lectroosmotic separation of Fe (III) ions from the bath during the electrolytic

polishing of carbon steels has been investigated. The optimum concentration range was found to be 5-10 vol% at 85° with complete prior oxidation of the Cr (III) ions. The

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SOCHA, J.

SOCHA, J. Problems of restoring chrome baths. p. 54.

V ol. 29, no. 2, 1956 MECHANIK TECHNOLOGY Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, 1957

CIA-RDP86-00513R001651910014-3 "APPROVED FOR RELEASE: 08/25/2000

SOCHA ブ,

POLAND/Chemical Technology - Chemical Products and Their

11-75 Application. Electrochemical Production.

Electrodeposition. Chemical Sources of Current.

Abs Jour

: Ref Zhur - Khimiya, No 17, 1958, 58055

Author

: Socha Jan, Zak Tadeusz

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Title

: An Investigation of the Possibility of Perfecting the

Process of Electrolytic Chrome Plating. Ch. II.

Orig Pub

: Prace Inst. mech., 1957 (1958), 7, No 22, 41-44.

Abstract

: By a method described earlier (RZhKhim, 1957, 64027) the operation of a self-regulating bath (SB) for chrome plating, which contains 400 g/l of CrO3 (I), was studied. An increase of the concentration of I permits obtaining good protective-decorative coverings at lower temperature and D. The SB plating method is equivalent to the usual bath plating method at an I concentration of 275 g/l; at a higher concentration of I, SB works better.

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- 21 -

POLAND/Chemical Technology - Chemical Products and Their

H-12

Application - Electrochemical Manufacturing. Electrodeposition. Chemical Sources of

Electrical Current.

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 8661

covering power of the bath, high grade coatings can be produced on articles of complex configuration. Maximum yield on the basis of current is around 24% and at D 40 a/dm² the temperature practically does not affect this yield.

Card 2/2

IJP(c) JD/JG EWP(t)/ETI т. 39925**-**66 ACC NR: АТ6018298 SOURCE CODE: P0/2540/65/013/002/0001/0008 33 AUTHOR: Socha, Jan -- Socha, I.; Zak, Tadeusz -- Zhak, T. B+1 ORG: none TITLE: Bright gold plating in an acid electrolyte SOURCE: Warsaw. Instytut Mechaniki Precyzyjnej. Prace, v. 13, no. 2(48), 1965, 1-8 TOPIC TAGS: nickel, cobalt, metal plating, electrolyte, gold plating, GOLD ABSTRACT: The effect of citric acid, nickel, and cobalt ions on the formation of bright coatings has been investigated. The investigation was based on a hypothesis of the existence of two kinds of brighteners. The polarization, current efficiency, and brightness of coatings in various concentrations of citric acid, nickel, and cobalt salts made it possible to select optimum conditions for bright gold plating. Orig. art. has: 21 figures and 1 table. [Based on authors' abstract] [NT] SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: UDC: 669.218:621.79.025.3 1/1 Card

SOCHA, Josef; BASNAK, Vlastimil; SLAMA, Josef; BURIANEK, Ludevit; KREMR, Milan; HRABOVSKY, Vaclav; MICHAEL; Radil, inz.; ONDRACEK, Jaroslav; PEKTOR, Vladimir, inz.

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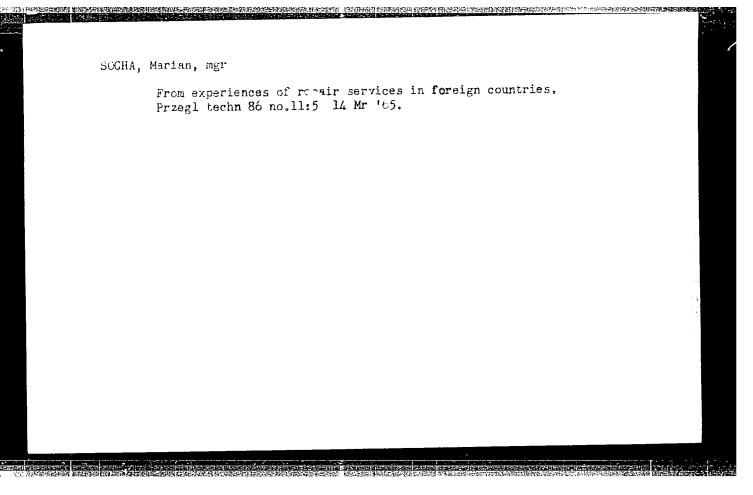
1. N.p.Svit, Otrokovice (for Socha, Basnak). 2. N.p. Svit, Gottwaldov (for Slama). 3. N.p. Kozeluzne, Bosany (for Burianek). 4. Vyzkumny ustav kozedelny, Otrokovice (for Kremr, Hrabovsky, Michael, Ondracek and Pektor).

Some effective methods of selvaging wormout machine parts. p. 150. (Mechanik, Vol. 30, Yo. 4, Apr 1957, Mersov, Poland)

30: Monthly List of Wast European Accessions (ESAL) 10, Vol. 6, No. 3, Aug 1957. Uncl.

SOCHA, Marian, magister

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An installation for washing and cleaning units of the rolling stock and their parts. Przegl kolej mechan 14 no.4:109-114

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RCEHRYCH, K. inz.; SOCHA, M., mgr
6th Conference on Repairs in the German Democratic Republic.
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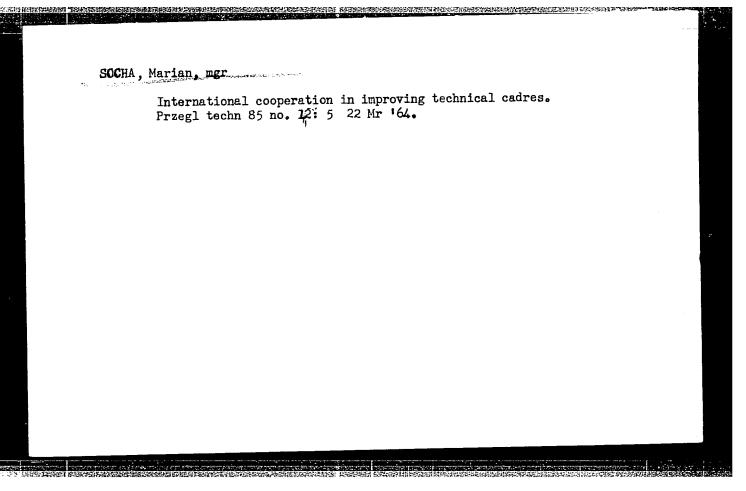
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SOCHA, M., mgr; ROEHRYCH, K., inz.

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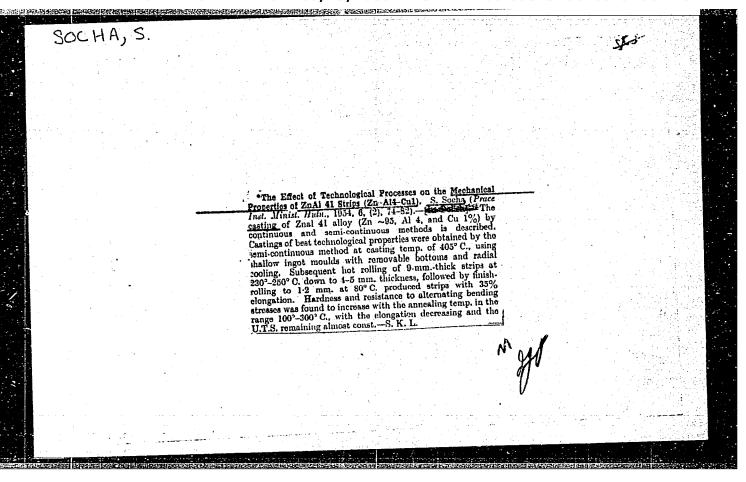
ROEHRYCH, K., inz.; SOCHA, M., mgr

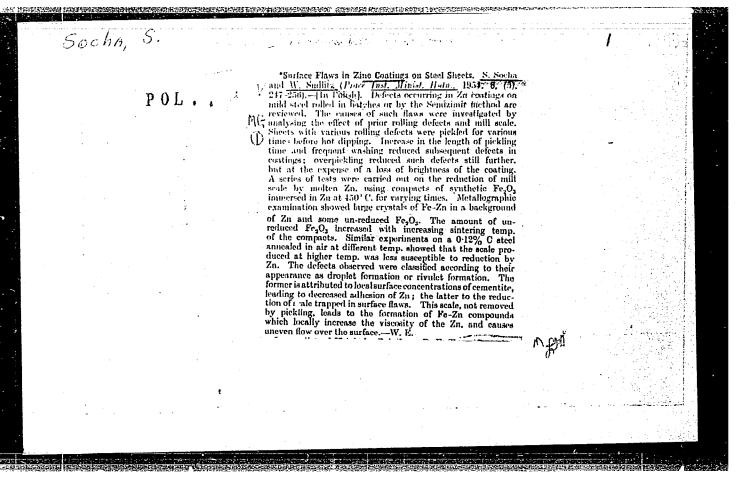
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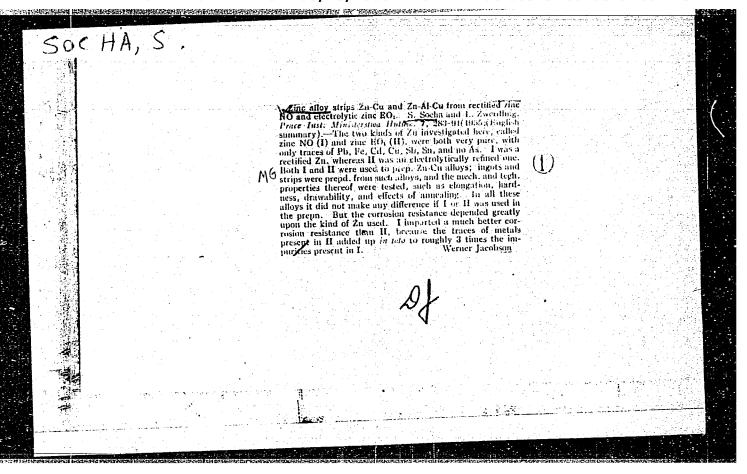


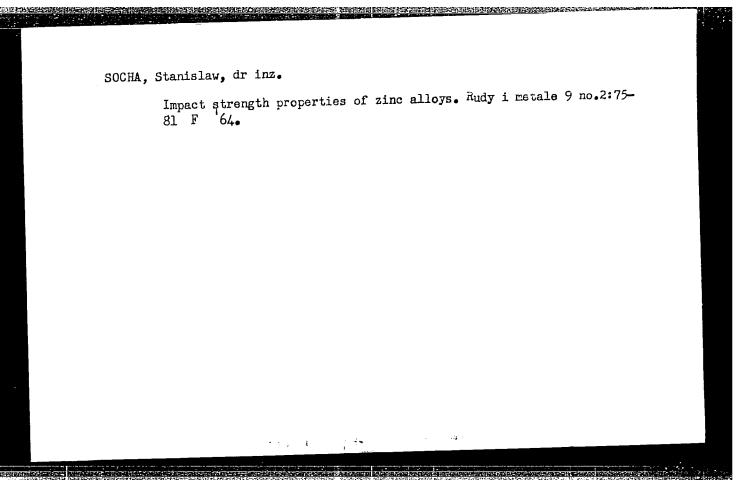
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Rudy i metale 9 no.10:535-541 0 '64.